

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listing of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Currently amended) A granulated fertilizer ~~whose components are iron, zinc, manganese, copper, molybdenum, sulphur and~~ comprising a mixture of 45 to 57 wt. % of clay, ~~wherein its concentrations are iron from~~ 11 [[%]] to 13 wt. % of iron, ~~zinc from~~ 3 [[%]] to 9 wt. % of zinc, ~~manganese from~~ 0.1 [[%]] to 2.5 wt. % of manganese, ~~copper from~~ 0.5 [[%]] to 0.7 wt. % of copper, ~~molybdenum from~~ 0 [[%]] to 0.1 wt. % of molybdenum, ~~sulphur from~~ 7 [[%]] to 10 wt. % of sulphur, and ~~from~~ 0.05 to 0.3 wt. % of a bonding agent, the mixture being formed into 45 % to 57 % of clays, giving as a result a pellets ~~having with a size in a range~~ of 1.5 to 4.5 millimeters, using a bonding agent. All percentages in weight are based on the total weight of the fertilizer.

Claim 2 (Currently amended) A granulated fertilizer according to claim 1, ~~characterized in that~~ wherein said iron is monohydrated iron sulphate or heptahydrated iron sulphate.

Claim 3 (Currently amended) A granulated fertilizer according to claim 1,
~~characterized in that~~ wherein said zinc is monohydrated zinc sulphate.

Claim 4 (Currently amended) A granulated fertilizer according to claim 1,
~~characterized in that~~ wherein said manganese is monohydrated manganese sulphate.

Claim 5 (Currently amended) A granulated fertilizer according to claim 1,
~~characterized in that~~ wherein said copper is heptahydrated copper sulphate.

Claim 6 (Currently amended) A granulated fertilizer according to claim 1,
~~characterized in that~~ wherein said molybdenum is tetrahydrated ammonium molybdate.

Claim 7 (Currently amended) A granulated fertilizer according to claim 1,
~~characterized in that~~ wherein said clay is [[a]] selected from the group consisting of
caolinite, illite or montmorillonite illite or a mixture thereof ~~any of the above in any~~
~~proportion.~~

Claim 8 (Currently amended) A granulated fertilizer according to claim 7,
~~characterized in that the~~ wherein said mixture of clays contains from 0 to 15% iron, based
~~on the a~~ total weight of the mixture of clays.

Claim 9 (Currently amended) A granulated fertilizer according to claim 1,
~~characterized in that the~~ wherein said bonding agent is a calcium oxide ~~in a concentration~~
~~of 0.05 to 0.3%, based on the total weight of the fertilizer~~ composition.

Claim 10 (Currently amended) A granulated fertilizer according to claim 1,
~~characterized in that that~~ wherein said pellets are ~~[[is]]~~ 100% soluble in a period of
approximately 30 minutes at a temperature of 25°C.

Claim 11 (Currently amended) A granulated fertilizer according to claim 1,
~~characterized in that the~~ wherein said granulated fertilizer has a pH of 3.5 to 5.

Claim 12 (Currently amended) A granulated fertilizer according to claim 1,
~~characterized in that the~~ wherein said granulated fertilizer has a moisture of 2 to 6%.

Claim 13 (Currently amended) A granulated fertilizer according to claim 1,
~~characterized in that the~~ wherein said granulated fertilizer has a hardness of 1.9 to 2.3
Kg/cm².

Claim 14 (Cancelled).

Claim 15 (Currently amended) A method for preparing a fertilizer, comprising the
steps of: like the one quoted in claim 1, characterized by

[[-]] mixing the iron sulphate, zinc sulphate, copper sulphate, manganese sulphate,
ammonium molybdate and 45 to 57 wt. % of a pulverized clay formed of one of
montmorillonite, illite illite, [[or]] caolinite clay or a mixture thereof until a homogeneous
mixture of dusts is obtained to provide 11 to 13 wt. % of iron, 3 to 9 wt. % of zinc, 0.5 to
0.7 wt. % of copper, 0.1 to 2.5 wt. % of manganese, 0 to 0.1 wt. % of molybdenum and
7.0 to 10 wt. % sulphur as micronutrients;

[[-]] feeding said this mixture onto a pelletizing plate;

[[-]] added to this mixture, spraying a bonding agent in the form of a mixture of
water and calcium oxide, as a bonding agent, by means of a sprinkler to mix with said
mixture on said pelletizing plate;

~~[[-]] let remain all this mixture on the pelletizing plate enough time to obtain pellets;~~

~~[[-]] feeding formed the pellets into a drying oven where they will lose to reduce a moisture and will later be sifted content thereof; and~~
sifting the dried pellets to obtain pellets having a size range of 1.5 to 4.5 millimeters.

Claim 16 (New) A granulated fertilizer according to claim 9, wherein said calcium oxide composition is calcium hydroxide, and said granulated fertilizer has a pH of 3.5 to 5.

Claim 17 (New) A granulated fertilizer according to claim 1, wherein said clay is formed substantially of caolinite

Claim 18 (New) A granulated fertilizer according to claim 1, wherein said clay is formed substantially of illite.

Claim 19 (New) The method according to Claim 15, wherein the step of feeding formed pellets into a drying oven includes the step of drying the formed pellets in a multi-section oven having temperatures that vary from 90° C to 40° C.

Claim 20 (New) A granulated fertilizer comprising a mixture of 45 to 57 wt. % of a pulverized clay formed substantially of caolinite, 11 to 13 wt. % of iron, 3 to 9 wt. % of zinc, 0.1 to 2.5 wt. % of manganese, 0.5 to 0.7 wt. % of copper, 0 to 0.1 wt. % of molybdenum, 7 to 10 wt. % of sulphur, and a bonding agent defined by a calcium hydroxide, and said mixture having a pH of 3.5 to 5.